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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/930,185	08/16/2001	Jarmo Pulkkinen	P 281584	1112
909	7590	10/16/2006	299098US/HS/HER	
PILLSBURY WINTHROP SHAW PITTMAN, LLP			EXAMINER	
P.O. BOX 10500			NGUYEN, DUSTIN	
MCLEAN, VA 22102				
			ART UNIT	PAPER NUMBER
			2154	

DATE MAILED: 10/16/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

**Office Action Summary**

Application No.

09/930,185

Applicant(s)

PULKKINEN, JARMO

Examiner

Dustin Nguyen

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --  
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 20 July 2006.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 1-23 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-23 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
  - ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- |  |   |
|--|---|
| 1) <input type="checkbox"/> Notice of References Cited (PTO-892)   | 4) <input type="checkbox"/> Interview Summary (PTO-413)<br>Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)                       | 5) <input type="checkbox"/> Notice of Informal Patent Application                       |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08)<br>Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____  |

### **DETAILED ACTION**

1. Claims 1-23 are presented for consideration.

#### ***Response to Arguments***

2. Applicant's arguments filed 07/20/2006 have been fully considered but they are not persuasive.
3. As per remarks, Applicants' argued that (1) Jacobs fails to disclose, teach or suggest that the responses contain at least one pointer indicating a location for additional information.
4. As to point (1), Jacobs discloses a system and method for managing telecommunications networks by incorporating an inferencing engine or expert system so that sources of network problems are inferred, impacts of network events are accessed, and corrective actions are recommended [ Abstract ]. In addition, Jacobs discloses in response to a typical network event, a fiber cut generates an alarm from a network that indicates which transmission segment is out-of-service [ i.e. the responses contain at least one pointer indicating a location for additional information ] [ Figure 4; and col 11, lines 54-63 ]. Also, Jacobs discloses parsing the network event information to identify an event [ col 11, lines 64-col 12, lines 7; and col 15, lines 60-62 ].

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(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

5. Claims 1-23 are rejected under 35 U.S.C. 102(b) as being anticipated by Jacobs (US 5,761,502).

6. Jacobs teaches a system/method of data transmission to a network management system (202, 206), the method comprising:

providing a response (network fault information 204) to be transmitted to the network management system, the response including at least one pointer indicating a location of additional information (214, 212, 210; "Network Topology Object Database 318 may be partitioned into two databases, as shown in FIG. 3a. A Network Topology Object Database 318a contains objects and object relationships identifying each network element and its relationship to other elements. A Network State Object Database 318b contains Network State Objects representing the dynamic state of each network element. Each network element object in Network Topology Object Database 318a is linked to a network state object in Network State Object Database 318b, which provides the current state of that network element. Each network state object is defined by a set of network state attributes that represent the dynamic state of the corresponding network object. As an example, an object representing network element Trunk Group 1234 is contained in Network Topology Object Database 318a. Attributes of this object may include switch/port #1 identifier, switch/port #2 identifier, number of circuits, and type of service supported by the Trunk Group. Also contained within this object is a pointer to a state object contained within Network State Object Database 318b. This state object may include an

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attribute whose value indicates Trunk Group 1234 is currently experiencing complete blockage on 75% of its circuits.");

transmitting the response to the network management system (202, 206);

receiving the response in the network management system and transmitting the pointer to a network management system user (220);

receiving a request for additional information in the network management system and opening the additional information at the location indicated by the pointer (214; 316, 318, 320);

performing a function relating to network management in a network element and storing information concerning the function as additional information in a location determined by the network management system (314);

performing a function relating to network management in a network element and storing information concerning the function as additional information in a location determined by the network management system (326);

wherein the response is an alarm transmitted to the network management system (DS-3 outage event alarm);

identifies both the location of the additional information and a necessary protocol (see figs. 9 & 10; attributes identifies additional location information).

**7. THIS ACTION IS MADE FINAL.** Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

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A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of this final action.

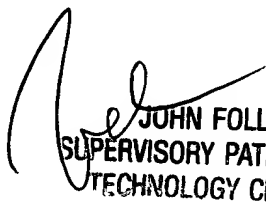
#### *Conclusion*

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Dustin Nguyen whose telephone number is (571) 272-3971. The examiner can normally be reached on flex schedule.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Follansbee John can be reached on (571) 272-3964. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.



**JOHN FOLLANSBEE**  
**SUPERVISORY PATENT EXAMINER**  
**TECHNOLOGY CENTER 2100**

Dustin Nguyen  
Examiner  
Art Unit 2154